

INTERNATIONAL SEARCH REPORT

Internat'l Application No
PCT/GB 98/02110

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K31/64 A61K31/44 A61K31/155 // (A61K31/64, 31:44, 31:155)

According to International Patent Classification(IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 749 751 A (TAKEDA CHEMICAL INDUSTRIES LTD) 27 December 1996 see page 9, line 42-55; claims 24-26; example 2 see page 8, line 32-34 ---	1-22
Y, P	KAPPEL C. ET AL: "Type 2 diabetes: Update on therapy" COMPREHENSIVE THERAPY, vol. 24, no. 6-7, June 1998, pages 319-326, XP002080974 see page 324, column 2, paragraph 2; figure 1 --- -/-	1-22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 October 1998

Date of mailing of the international search report

02/11/1998

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ELSON DF ET AL: "Therapy for type 2 diabetes mellitus 'see comments!'" WMJ, MAR 1998, 97 (3) P49-54, XP002081122 UNITED STATES see page 52 see page 53, column 1, paragraph 2 ---	1-22
Y		1-22
A	SCHEEN AJ ET AL: "Oral antidiabetic agents. A guide to selection." DRUGS, FEB 1998, 55 (2) P225-36, XP002080821 NEW ZEALAND see page 232, column 2, paragraph 1; figure 1 ---	1-22
A	WO 93 03724 A (UPJOHN CO) 4 March 1993 see claims 3,4,10,11 ---	1-22
A	WO 96 09823 A (SHAMAN PHARMACEUTICALS INC) 4 April 1996 see claims 7-11 ---	1-22
A	WOLFFENBUTTEL B. ET AL: "New treatments for patients with type 2 diabetes mellitus" POSTGRAD MED, vol. 72, pages 657-662, XP002081123 boxes 3,4,5 see abstract -----	1-22

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International application No.

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claim(s) 1-13 is(are) directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat.	al Application No
	PCT/GB 98/02110

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0749751	A 27-12-1996	AU 5603496 A CA 2179584 A CN 1145783 A CZ 9601811 A EP 0861666 A HU 9601698 A JP 9067271 A JP 10167986 A NO 962606 A SK 79496 A		09-01-1997 21-12-1996 26-03-1997 15-01-1997 02-09-1998 28-05-1997 11-03-1997 23-06-1998 23-12-1996 08-01-1997
WO 9303724	A 04-03-1993	AT 151634 T AU 2479492 A DE 69219136 D DE 69219136 T DK 601001 T EP 0601001 A ES 2101866 T GR 3023848 T JP 6510286 T		15-05-1997 16-03-1993 22-05-1997 28-08-1997 20-10-1997 15-06-1994 16-07-1997 30-09-1997 17-11-1994
WO 9609823	A 04-04-1996	AU 3731895 A AU 3731995 A WO 9610015 A US 5628999 A US 5753790 A US 5629319 A		19-04-1996 19-04-1996 04-04-1996 13-05-1997 19-05-1998 13-05-1997